

RAW SEQUENCE LISTING **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/145,916D
Source: 1600
Date Processed by STIC: 9/15/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003



DATE: 09/15/2003

TIME: 12:43:30

Output Set: N:\CRF4\09152003\I145916D.raw

1 (1) GENERAL INFORMATION:

30 (A) TELEPHONE: (978) 525-3794

Does Not Comply
Corrected Diskette Needed

E--> 470

see
p. 2

Do not show
an amino acid
✓ cumulative
total

⑨ delete

0 1 2 3 4

2. H.P.

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/145,916D

DATE: 09/15/2003

TIME: 12:43:30

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\09152003\I145916D.raw

471 Leu Gly Lys Lys Pro Ile Tyr Lys Lys

472 1 5

474 (2) INFORMATION FOR SEQ ID NO: 25:

475 (i) SEQUENCE CHARACTERISTICS:

476 (A) LENGTH: 4 amino acids

477 (B) TYPE: amino acid

478 (C) STRANDEDNESS: single

479 (D) TOPOLOGY: linear

480 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25:

E--> 481

482 Glu Phe Tyr Ala

483 1

last sequence in submitted file

delete

*FYI: all U.S. applications
filed on or after July 1, 1998,
and which cannot claim
a prior application,
need to be in new
Sequence Rules format.*

*Show cumulative
totals at right margin
of each line in
NUCLEOTIDE
SEQUENCES
Not amino acid
sequences*

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/145,916D

DATE: 09/15/2003

TIME: 12:43:31

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\09152003\I145916D.raw

L:22 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:23 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:470 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:24

L:481 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:25

L:8 M:203 E: No. of Seq. differs, : Input 24, Counted 25